

Converting Colors

$Y_{xy}(26.3670, 0.3094, 0.4170)$

Have a look what the booklet for
Yxy(26.3670, 0.3094, 0.4170)
contains.

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Color

Yxy(26.4797, 0.3086, 0.4168)

Conversions

Conversions Part 1

Format	Color
Hex	699869
RGB	105, 152, 105
RGB Percent	41%, 60%, 41%
CMY	0.5882, 0.4039, 0.5882
CMYK	0.31, 0.00, 0.31, 0.40
HSL	120°, 19%, 50%
HSV	120°, 31%, 60%
XYZ	19.6057, 26.4797, 17.4456
YIQ	132.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

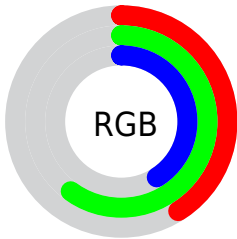
Format	Color
RYB	105, 152, 152
Decimal	6920297
CIELab	58.49, -25.65, 19.80
CIELCh	58, 32.404, 142.328
Yxy	26.4797, 0.3086, 0.4168
Android (android.graphics.Color)	4285110377 (0xFF699869)
YUV	132.5890, -13.6014, -24.1956
Hunter-Lab	51.4584, -22.0438, 15.9202

Details

The Yxy color $26.4797, 0.3086, 0.4168$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.0479, 0.3162, 0.2545$, and the grayscale version is $23.3542, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3291, 0.3103, 0.3966$, and $10.4150, 0.3043, 0.4549$ is the 20% darker color. If you saturate the color by 10%, you get $25.3559, 0.3070, 0.4509$, and if you desaturate by 10%, it is $27.8261, 0.3101, 0.3851$.

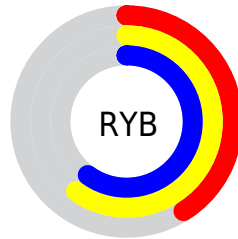
Distribution



Red (41%)

Green (60%)

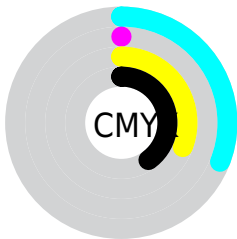
Blue (41%)



Red (41%)

Yellow (60%)

Blue (60%)

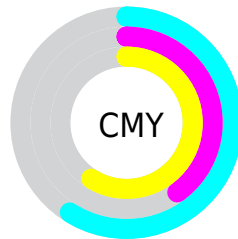


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (40%)



Cyan (59%)


Magenta (40%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4797, 0.3086, 0.4168 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.4797, 0.3086, 0.4168 by changing the saturation by 10% instead.


 26.4797, 0.3086,
0.4168


 26.4797, 0.3086,
0.4168


285.1290, 0.3120,
0.3667

 17.1829, 0.3070,
0.4319


 54.0478, 0.3103,
0.3968


 10.3649, 0.3044,
0.4531


 73.0879, 0.3108,
0.3899

 5.6416, 0.2996,
0.4849

 96.1444, 0.3111,
0.3842

 2.6284, 0.2896,
0.5377

 123.6019, 0.3114,
0.3795

 0.9410, 0.2212,
0.7788

155.8448, 0.3116,
0.3755

 0.0000, 0.0000,
0.0000

193.2573, 0.3118,

0.3722

236.2239, 0.3119,
0.3692

■ 26.4797, 0.3086,
0.4168

■ 26.4797, 0.3086,
0.4168

■ 25.3559, 0.3070,
0.4509

■ 27.8261, 0.3101,
0.3851

■ 24.4396, 0.3054,
0.4860

■ 29.4026, 0.3114,
0.3564

■ 23.7191, 0.3038,
0.5199


■ 31.2206, 0.3126,
0.3311


■ 23.1802, 0.3023,
0.5503

■ 33.2894, 0.3136,
0.3091

■ 22.8067, 0.3012,
0.5745

■ 35.6182, 0.3145,
0.2900

 22.5795, 0.3004,
0.5907

 38.2156, 0.3153,
0.2736

 22.4564, 0.3000,
0.6000

 41.0896, 0.3160,
0.2596

 44.2483, 0.3165,
0.2475

 47.6990, 0.3170,
0.2371

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.4797, 0.3619, 0.4281



26.4797, 0.3086, 0.4168



26.4797, 0.2590, 0.3738

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.4797, 0.3086, 0.4168



26.4797, 0.2259, 0.2476



26.4797, 0.4077, 0.3282

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.4797, 0.3086, 0.4168



19.0479, 0.3162, 0.2545

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.4797, 0.3648, 0.2884



26.4797, 0.3086, 0.4168



26.4797, 0.2591, 0.2435

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.4797, 0.3086, 0.4168



26.4797, 0.2142, 0.2728



26.4797, 0.3092, 0.2583



26.4797, 0.4220, 0.3710

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.4797, 0.3086, 0.4168



26.4797, 0.2343, 0.3366



26.4797, 0.3092, 0.2583



26.4797, 0.3960, 0.3142

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.4808, 0.3086, 0.4168



52.4252, 0.3116, 0.3518



29.8985, 0.3583, 0.4027



11.8220, 0.3115, 0.3554



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4808, 0.3086, 0.4168



45.3488, 0.3075, 0.4398



27.0117, 0.2892, 0.3732



6.9256, 0.3116, 0.3520



18.8294, 0.3000, 0.6000



0.2815, 0.3000, 0.6000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.0479, 0.3162, 0.2545



30.1239, 0.3170, 0.2385



18.3740, 0.3456, 0.2888



6.3236, 0.3137, 0.3071



7.4972, 0.3209, 0.1541



0.1121, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 26.4797, 0.3086, 0.4168 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.4797, 0.3086, 0.4168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

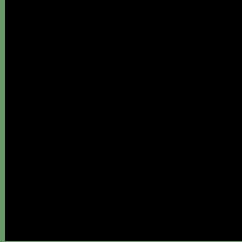
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.4797, 0.3086, 0.4168

Background



This preview shows how black text looks on a background with the Yxy color 26.4797, 0.3086, 0.4168.



This preview shows how white text looks on a background with the Yxy color 26.4797, 0.3086, 0.4168.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.4797, 0.3086, 0.4168

Protanopia

26.2556, 0.3674, 0.3946

Deuteranopia

26.0468, 0.3760, 0.3682



Tritanopia

26.3300, 0.2727, 0.3084

Trichromacy



Original Color

26.4797, 0.3086, 0.4168

Protanomaly

25.9742, 0.3437, 0.4021

Deuteranomaly

25.9721, 0.3491, 0.3848

Tritanomaly

26.3943, 0.2855, 0.3467

Monochromacy



Original Color

26.4797, 0.3086, 0.4168

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.3972, 0.3113, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4797, 0.3086, 0.4168 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(105, 152, 105)` looks like.

```
.text, #text, p{  
    color:rgb(105, 152, 105)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(105, 152, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 152, 105) }
```

Border

The CSS property to change the border of an element to Yxy 26.4797, 0.3086, 0.4168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 152, 105) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(105, 152, 105) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(105, 152, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 152, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 152, 105);  
box-shadow:4px 4px 4px 4px rgb(105, 152,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4797, 0.3086, 0.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 152, 105) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(105,  
152, 105) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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